



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 195

TO: Nancy Zhang
Location: REM-3D30&3C70
Art Unit: 1614
Thursday, July 27, 2006

Case Serial Number: 10/501069

From: Mary Jane Ruhl
Location: Biotech-Chem Library
Remsen 1-A-62
Phone: 571-272-2524

maryjane.ruhl@uspto.gov

Search Notes

Examiner Zhang,

Here are the results for your recent search request.

Please feel free to contact me if you have any questions about these results.

Thank you for using STIC services. We appreciate the opportunity to serve you.

Sincerely,

Mary Jane Ruhl
Technical Information Specialist
STIC
Remsen 1-A-62
Ext. 22524



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Scientific and Technical Information Center

196750

SEARCH REQUEST FORM

Requester's Full Name: Nancy Zhang Examiner #: 82360 Date: 7/18/2006
Art Unit: 1614 Phone Number: 2-8270 Serial Number: 10/501,069
Location (Bldg/Room#): REM 3D30 (Mailbox #): REM 3C70 Results Format Preferred (circle) PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: see attached Bib sheet

Inventors (please provide full names): _____

Earliest Priority Date: 12/16/2002

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search for compositions containing both of the following
two compounds:

(1) 118384-10-4 pioglitazone and (2) 203855-58-7 2-benzyl-4-(4-fluorophenyl)-4-oxobutanoic acid

with respect to the administering of the composition.

< If nothing is found, please consider another compound from
claim 7 for the first compound.

OR

another compound from claim 9 for the second compound >

< One page of claim sheet is attached >

Thank you very much!

the formula (I) ranges from 10^{-3} to 40, preferably from 10^{-3} to 10 and better still from 10^{-3} to 1.

7. Pharmaceutical composition according to any one of the preceding claims, characterised in that the glitazone is chosen from rosiglitazone, pioglitazone, isaglitazone, KRP 297, CS 011, T 174, NP 0110, englitazone, darglitazone and ciglitazone.

1st compound

8. Pharmaceutical composition according to the preceding claim, characterised in that the glitazone is chosen from rosiglitazone, pioglitazone, isaglitazone and KRP 297.

9. Composition according to any one of the preceding claims, characterised in that the compound of the formula (I) is chosen from:

- ✓ 1 - 2-benzyl-4-(4-methoxyphenyl)-4-oxobutanoic acid ← 68973-52-4
 ✓ 2 - 2-benzyl-4-(4-fluorophenyl)-4-oxobutanoic acid ← 68973-53-5
 ✓ 3 - 2-cyclohexylmethyl-4-(4-methoxyphenyl)-4-oxobutanoic acid ← 203855-58-7
 ✓ 4 - 2-benzyl-4-phenyl-4-oxobutanoic acid ← 104905-00-2
 ✓ 5 - 2-(β-naphthylmethyl)-4-phenyl-4-oxobutanoic acid ← 203855-59-8
 ✓ 6 - 2-benzyl-4-(β-naphthyl)-4-oxobutanoic acid ← 203855-60-1
 ✓ 7 - 2-[(4-chlorophenyl)methyl]-4-(4-methoxyphenyl)-4-oxobutanoic acid ← 203855-61-2
 ✓ 8 - 2-benzyl-4-(4-methylphenyl)-4-oxobutanoic acid ← 203855-63-4
 ✓ 9 - 4-(4-fluorophenyl)-2-[(4-methoxyphenyl)methyl]-4-oxobutanoic acid ← 203855-65-6
 ✓ 10 - 2-benzyl-4-(3,4-methylenedioxyphenyl)-4-oxobutanoic acid ← 203855-66-7
 ✓ 11 - 2-benzyl-4-cyclohexyl-4-oxobutanoic acid ← 125190-43-4
 ✓ 12 - 4-phenyl-2-[(tetrahydrofuran-2-yl)methyl]-4-oxobutanoic acid, ← 203855-66-7

the solvates, enantiomers and salts of these acids.

10. Composition according to Claim 9, characterised in that the compound of the formula (I) is chosen from:

- (-)-2-benzyl-4-(4-methoxyphenyl)-4-oxobutanoic acid
 - (+)-2-benzyl-4-(4-methoxyphenyl)-4-oxobutanoic acid
 - (-)-2-benzyl-4-(4-fluorophenyl)-4-oxobutanoic acid
 - (+)-2-benzyl-4-(4-fluorophenyl)-4-oxobutanoic acid.

=> d ibib abs ind hitstr l6 l-1

L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:551378 HCAPLUS
DOCUMENT NUMBER: 139:106488
TITLE: Pharmaceutical composition comprising a
glitazone and a 4-oxobutanoic acid for
treating diabetes
INVENTOR(S): **Moinet, Gerard; Marais, Dominique**
PATENT ASSIGNEE(S): Merck Patent Gmbh, Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003057216	A1	20030717	WO 2002-EP14311	20021216
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
FR 2834640	A1	20030718	FR 2002-335	20020111
FR 2834640	B1	20040924		
CA 2473043	AA	20030717	CA 2002-2473043	20021216
AU 2002361421	A1	20030724	AU 2002-361421	20021216
EP 1463503	A1	20041006	EP 2002-796640	20021216
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
BR 2002015498	A	20041228	BR 2002-15498	20021216
CN 1599608	A	20050323	CN 2002-824406	20021216
US 2005085489	A1	20050421	US 2003-501069	20021216
JP 2005516963	T2	20050609	JP 2003-557574	20021216
ZA 2004006329	A	20050920	ZA 2004-6329	20040810
PRIORITY APPLN. INFO.:			FR 2002-335	A 20020111
			WO 2002-EP14311	W 20021216

OTHER SOURCE(S): MARPAT 139:106488

AB The present invention relates to a pharmaceutical composition suitable for oral administration comprising, as active principles, a **glitazone** and a 4-oxobutanoic acid (weight ratio of 10-3-10), in combination with one or more pharmaceutically acceptable excipients. These compns. are particularly suitable for treating non-insulin-dependent diabetes and pathologies associated with insulin resistance syndrome. For example, a tablet contained (+)-2-benzyl-4-(4-fluorophenyl)-4-oxobutanoic acid (Compound P) 50 mg, **rosiglitazone** 4 mg, microcryst. cellulose 17 mg, lactose 26 mg, hydroxypropyl cellulose 11 mg, croscarmellose sodium 15 mg, colloidal silica 2 mg, and magnesium stearate 2 mg.

IC ICM A61K031-425

ICS A61K031-44; A61P003-10

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 1

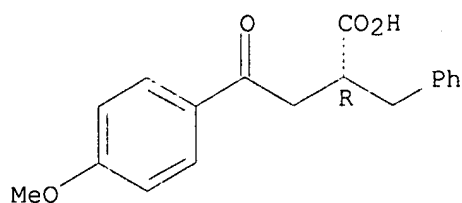
ST **glitazone** oxobutanoate oral antidiabetic

- IT Nerve, disease
(neuropathy; oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes and complications)
- IT Diabetes mellitus
(non-insulin-dependent; oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes)
- IT Atherosclerosis
Hypertension
Kidney, disease
Obesity
(oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes and complications)
- IT Dyslipidemia
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes and complications)
- IT Antidiabetic agents
Drug delivery systems
(oral; oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes)
- IT Eye, disease
(retinopathy; oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes and complications)
- IT Drug delivery systems
(tablets; oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes)
- IT 68973-52-4 68973-53-5 74772-77-3,
Ciglitazone 89496-35-5 104905-00-2
109229-58-5, Englitazone 111025-46-8,
Pioglitazone 118384-10-4, T 174 (Pharmaceutical)
122320-73-4, Rosiglitazone 125190-43-4
141200-24-0, Darglitazone 161600-01-7,
Isaglitazone 179068-71-4 203855-56-5
203855-57-6 203855-58-7 203855-59-8
203855-60-1 203855-61-2 203855-62-3
203855-63-4 203855-65-6 203855-66-7
213252-19-8, KRP 297 560131-16-0
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes)
- IT 9004-10-8, Insulin, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(resistance; oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes)
- IT 68973-52-4 68973-53-5 74772-77-3,
Ciglitazone 89496-35-5 104905-00-2
109229-58-5, Englitazone 111025-46-8,
Pioglitazone 118384-10-4, T 174 (Pharmaceutical)
122320-73-4, Rosiglitazone 125190-43-4
141200-24-0, Darglitazone 161600-01-7,
Isaglitazone 179068-71-4 203855-56-5
203855-57-6 203855-58-7 203855-59-8
203855-60-1 203855-61-2 203855-62-3
203855-63-4 203855-65-6 203855-66-7
213252-19-8, KRP 297 560131-16-0
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oral compns. comprising **glitazone** and 4-oxobutanoic acid derivative for treatment of diabetes)
- RN 68973-52-4 HCAPLUS
- CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,

(αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

①

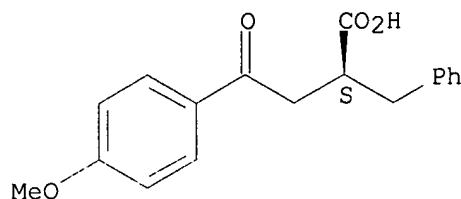


RN 68973-53-5 HCAPLUS

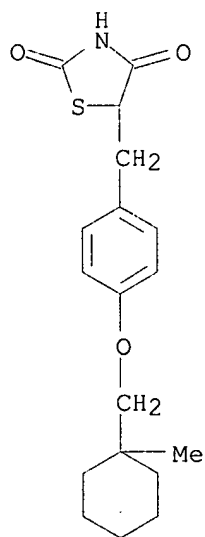
CN Benzenebutanoic acid, 4-methoxy-γ-oxo-α-(phenylmethyl)-,
(αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

①

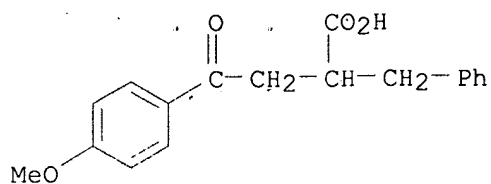


RN 74772-77-3 HCAPLUS

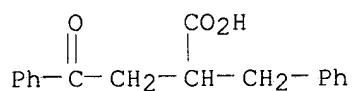
CN 2,4-Thiazolidinedione, 5-[[4-[(1-methylcyclohexyl)methoxy]phenyl]methyl]-
(9CI) (CA INDEX NAME)

RN 89496-35-5 HCAPLUS

CN Benzenebutanoic acid, 4-methoxy-γ-oxo-α-(phenylmethyl)- (9CI)
(CA INDEX NAME)



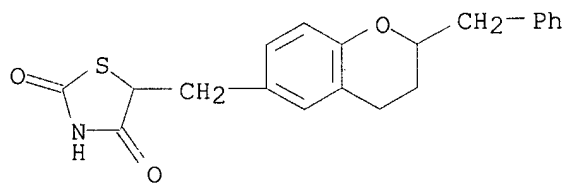
RN 104905-00-2 HCAPLUS

CN Benzenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)

(4)

RN 109229-58-5 HCAPLUS

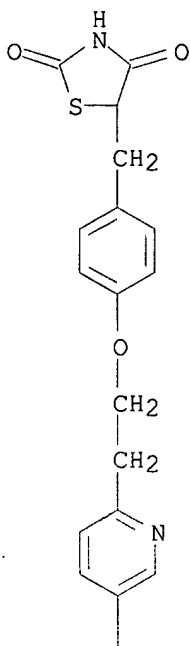
CN 2,4-Thiazolidinedione, 5-[[3,4-dihydro-2-(phenylmethyl)-2H-1-benzopyran-6-yl]methyl]- (9CI) (CA INDEX NAME)



RN 111025-46-8 HCAPLUS

CN 2,4-Thiazolidinedione, 5-[[4-[2-(5-ethyl-2-pyridinyl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)

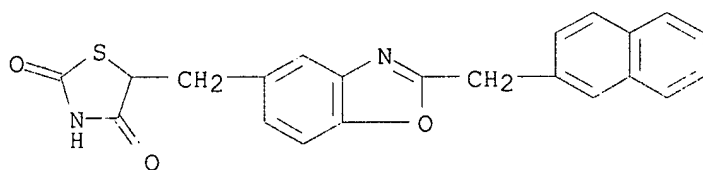
PAGE 1-A



PAGE 2-A

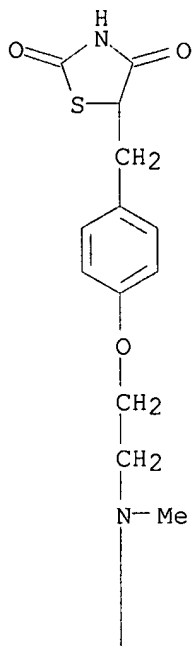
|
Et

RN 118384-10-4 HCAPLUS
 CN 2,4-Thiazolidinedione, 5-[[2-(2-naphthalenylmethyl)-5-benzoxazolyl]methyl]-
 (9CI) (CA INDEX NAME)

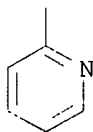


RN 122320-73-4 HCAPLUS
 CN 2,4-Thiazolidinedione, 5-[[4-[2-(methyl-2-pyridinylamino)ethoxy]phenyl]met
 hyl]- (9CI) (CA INDEX NAME)

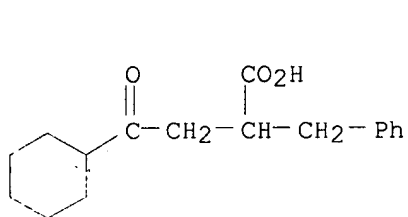
PAGE 1-A



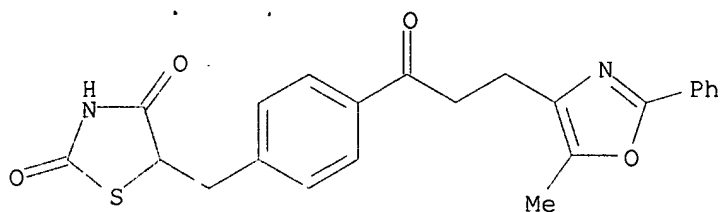
PAGE 2-A



RN 125190-43-4 HCAPLUS
 CN Benzenepropanoic acid, α -(2-cyclohexyl-2-oxoethyl)- (9CI) (CA INDEX NAME)

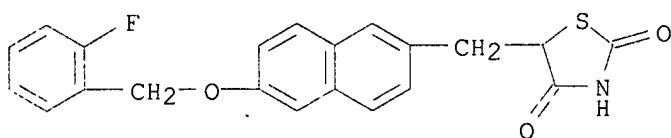


RN 141200-24-0 HCAPLUS
 CN 2,4-Thiazolidinedione, 5-[[4-[3-(5-methyl-2-phenyl-4-oxazolyl)-1-oxopropyl]phenyl]methyl]- (9CI) (CA INDEX NAME)



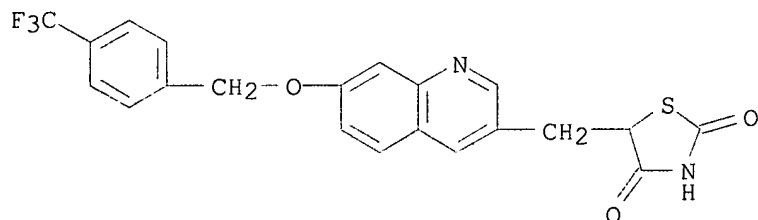
RN 161600-01-7 HCAPLUS

CN 2,4-Thiazolidinedione, 5-[[6-[(2-fluorophenyl)methoxy]-2-naphthalenyl]methyl]- (9CI) (CA INDEX NAME)

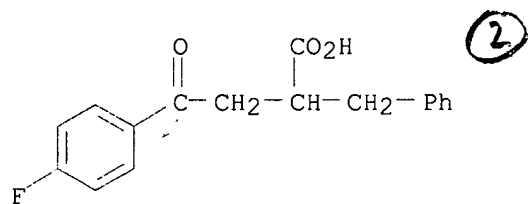


RN 179068-71-4 HCAPLUS

CN 2,4-Thiazolidinedione, 5-[[7-[[4-(trifluoromethyl)phenyl]methoxy]-3-quinolinyl]methyl]- (9CI) (CA INDEX NAME)



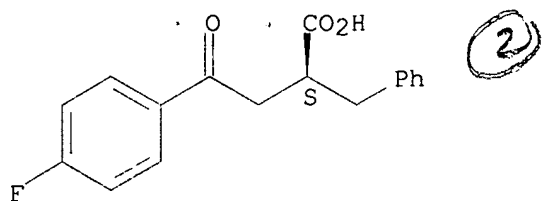
RN 203855-56-5 HCAPLUS

CN Benzenebutanoic acid, 4-fluoro-γ-oxo-α-(phenylmethyl)- (9CI)
(CA INDEX NAME)

RN 203855-57-6 HCAPLUS

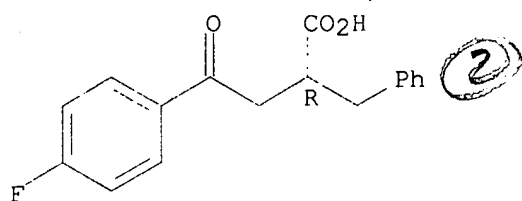
CN Benzenebutanoic acid, 4-fluoro-γ-oxo-α-(phenylmethyl)-,
(αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

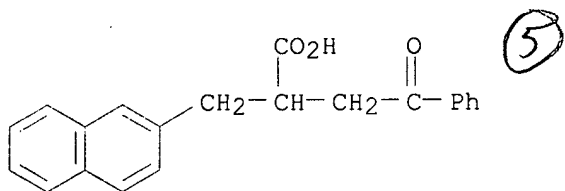


RN 203855-58-7 HCAPLUS
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-,
 (α R)- (9CI) (CA INDEX NAME)

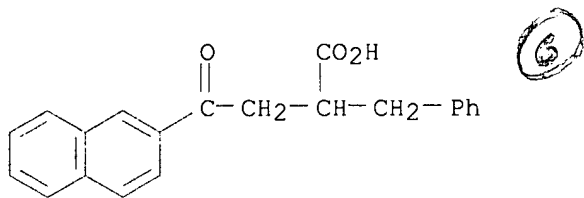
Absolute stereochemistry. Rotation (-).



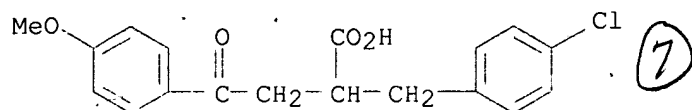
RN 203855-59-8 HCAPLUS
 CN 2-Naphthalenepropanoic acid, α -(2-oxo-2-phenylethyl)- (9CI) (CA
 INDEX NAME)



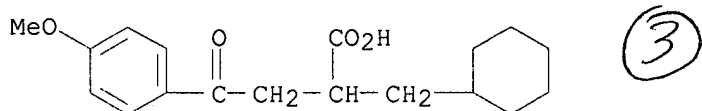
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 INDEX NAME)



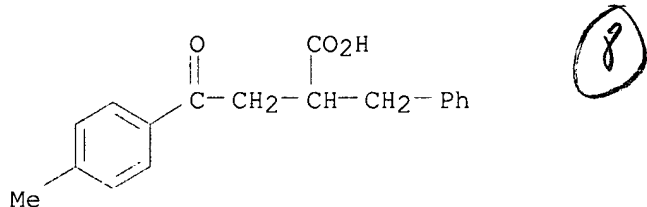
RN 203855-61-2 HCAPLUS
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 oxo- (9CI) (CA INDEX NAME)



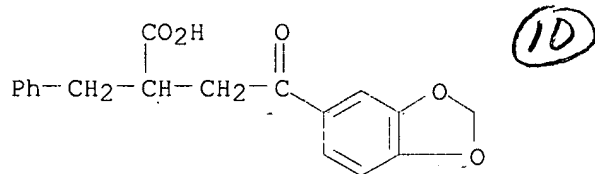
RN 203855-62-3 HCAPLUS

CN Benzenebutanoic acid, α -(cyclohexylmethyl)-4-methoxy- γ -oxo- (9CI) (CA INDEX NAME)

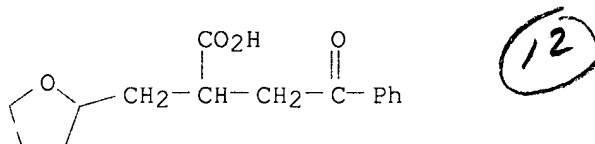
RN 203855-63-4 HCAPLUS

CN Benzenebutanoic acid, 4-methyl- γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)

RN 203855-65-6 HCAPLUS

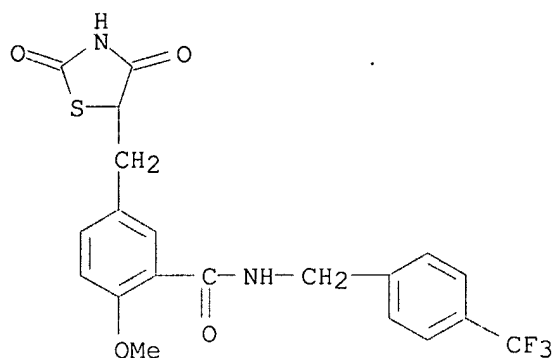
CN 1,3-Benzodioxole-5-butanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)

RN 203855-66-7 HCAPLUS

CN 2-Furanpropanoic acid, tetrahydro- α -(2-oxo-2-phenylethyl)- (9CI) (CA INDEX NAME)

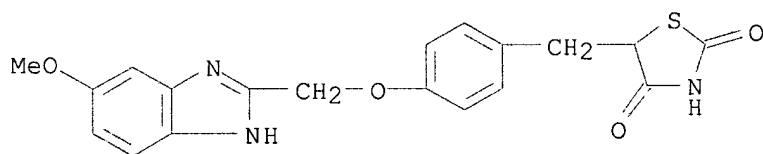
RN 213252-19-8 HCAPLUS

CN Benzamide, 5-[(2,4-dioxo-5-thiazolidinyl)methyl]-2-methoxy-N-[[4-(trifluoromethyl)phenyl]methyl]- (9CI) (CA INDEX NAME)



RN 560131-16-0 HCAPLUS

CN 2,4-Thiazolidinedione, 5-[[4-[(5-methoxy-1H-benzimidazol-2-yl)methoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



IT 9004-10-8, Insulin, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(resistance; oral compns. comprising **glitazone** and
4-oxobutanoic acid derivative for treatment of diabetes)

RN 9004-10-8 HCAPLUS

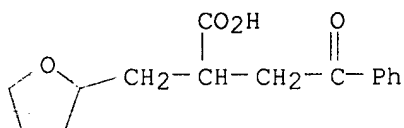
CN Insulin (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 119 1-13

L19 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN
RN 203855-66-7 REGISTRY
ED Entered STN: 09 Apr 1998
CN 2-Furanpropanoic acid, tetrahydro- α -(2-oxo-2-phenylethyl)- (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C15 H18 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

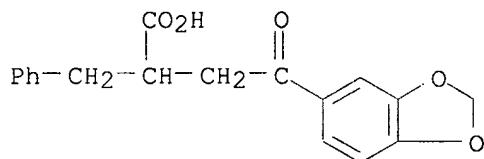


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN
RN 203855-65-6 REGISTRY
ED Entered STN: 09 Apr 1998
CN 1,3-Benzodioxole-5-butanoic acid, γ -oxo- α -(phenylmethyl)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H16 O5
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



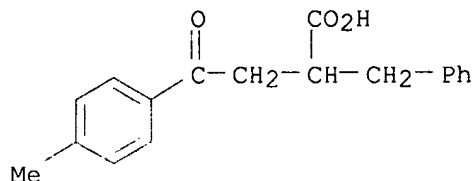
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN
RN 203855-63-4 REGISTRY
ED Entered STN: 09 Apr 1998
CN Benzenebutanoic acid, 4-methyl- γ -oxo- α -(phenylmethyl)- (9CI)
(CA INDEX NAME)

FS 3D CONCORD
 MF C18 H18 O3
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **203855-62-3** REGISTRY

ED Entered STN: 09 Apr 1998

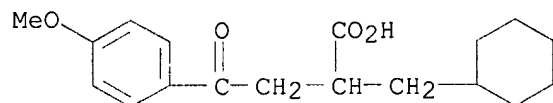
CN Benzenebutanoic acid, α -(cyclohexylmethyl)-4-methoxy- γ -oxo-
 (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C18 H24 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **203855-60-1** REGISTRY

ED Entered STN: 09 Apr 1998

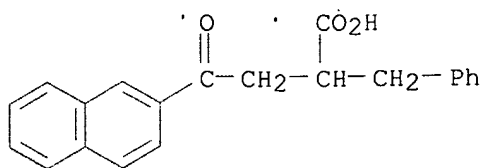
CN 2-Naphthalenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA
 INDEX NAME)

FS 3D CONCORD

MF C21 H18 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN 203855-59-8 REGISTRY

ED Entered STN: 09 Apr 1998

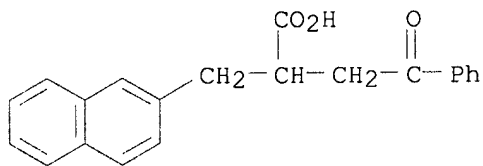
CN 2-Naphthalenepropanoic acid, α -(2-oxo-2-phenylethyl)- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C21 H18 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN 203855-58-7 REGISTRY

ED Entered STN: 09 Apr 1998

CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-, (α R)- (9CI) (CA INDEX NAME)

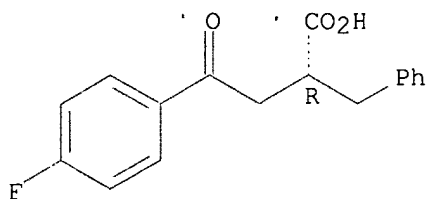
FS STEREOSEARCH

MF C17 H15 F O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **203855-57-6** REGISTRY

ED Entered STN: 09 Apr 1998

CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-,
(α S)- (9CI) (CA INDEX NAME)

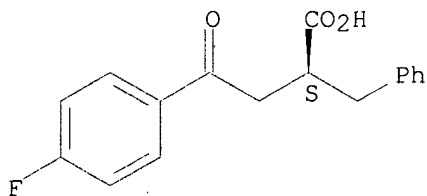
FS STEREOSEARCH

MF C17 H15 F O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **203855-56-5** REGISTRY

ED Entered STN: 09 Apr 1998

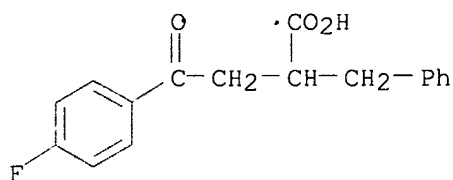
CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)- (9CI)
(CA INDEX NAME)

FS 3D CONCORD

MF C17 H15 F O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 09 Apr 1998

L19 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **125190-43-4** REGISTRY

ED Entered STN: 02 Feb 1990

CN Benzenepropanoic acid, α -(2-cyclohexyl-2-oxoethyl)- (9CI) (CA INDEX NAME)

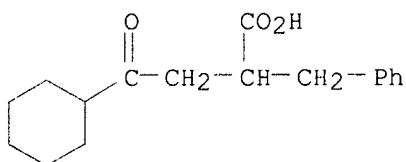
FS 3D CONCORD

DR 125470-14-6

MF C17 H22 O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 02 Feb 1990

L19 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **104905-00-2** REGISTRY

ED Entered STN: 25 Oct 1986

CN Benzenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)

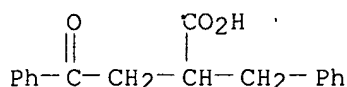
FS 3D CONCORD

DR 124640-79-5

MF C17 H16 O3

SR CA

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 25 Oct 1986

L19 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **68973-53-5** REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,
(α S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-, (S)-

OTHER NAMES:

CN (S)-(+)-3-p-Methoxybenzoyl-2-benzylpropionic acid

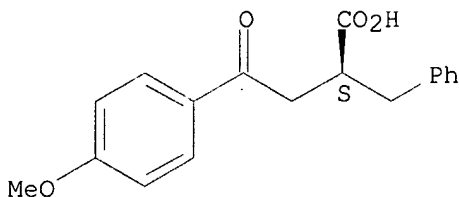
FS STEREOSEARCH

MF C18 H18 O4

LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL

(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 16 Nov 1984

L19 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2006 ACS on STN

RN **68973-52-4** REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,
(α R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-, (R)-

OTHER NAMES:

CN (-)-2-Benzyl-3-p-methoxybenzoylpropionate

CN (R)-(-)-3-p-Methoxybenzoyl-2-benzylpropionic acid

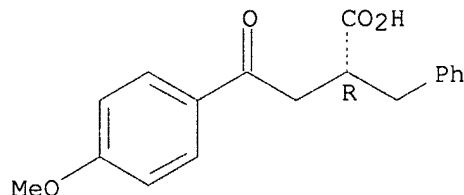
FS STEREOSEARCH

MF C18 H18 O4

LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, MEDLINE, USPATFULL

(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

12 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

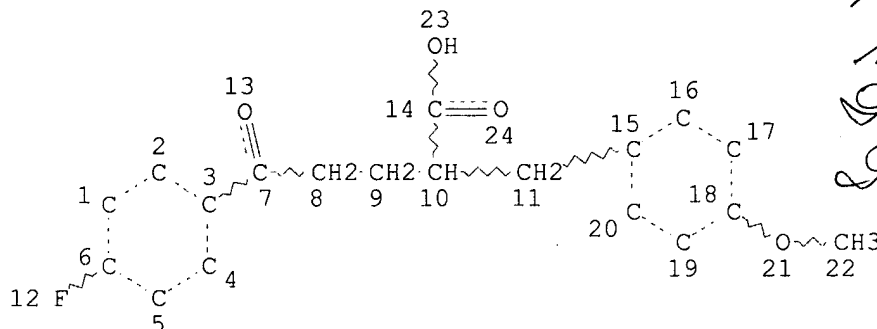
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 16 Nov 1984

=> d 125

L25 HAS NO ANSWERS

L25 STR



*This compd. could
not be located in
Inventor Search, so
I drew the structure -
O compounds in
Registry.*

** 9th on The Claim 7 list*

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

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 L17 12 SEA FILE=REGISTRY ABB=ON (68973-52-4 OR 68973-53-5 OR
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 104905-00-2 OR 203855-59-8 OR 203855-60-1 OR 203855-63-4 OR
 203855-65-6 OR 125190-43-4 OR 203855-66-7)/RN
 L18 1 SEA FILE=REGISTRY ABB=ON 203855-56-5/RN
 L19 13 SEA FILE=REGISTRY ABB=ON L17 OR L18
 L20 20 SEA FILE=HCAPLUS ABB=ON L19
 L21 1 SEA FILE=HCAPLUS ABB=ON L20 AND (L8 OR ?PIOGLITAZONE?)

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L21 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:551378 HCAPLUS
 DOCUMENT NUMBER: 139:106488
 TITLE: Pharmaceutical composition comprising a glitazone and
 a 4-oxobutanoic acid for treating diabetes
 INVENTOR(S): Moinet, Gerard; Marais, Dominique
 PATENT ASSIGNEE(S): Merck Patent Gmbh, Germany
 SOURCE: PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003057216	A1	20030717	WO 2002-EP14311	20021216
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
FR 2834640	A1	20030718	FR 2002-335	20020111
FR 2834640	B1	20040924		
CA 2473043	AA	20030717	CA 2002-2473043	20021216
AU 2002361421	A1	20030724	AU 2002-361421	20021216
EP 1463503	A1	20041006	EP 2002-796640	20021216
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
BR 2002015498	A	20041228	BR 2002-15498	20021216
CN 1599608	A	20050323	CN 2002-824406	20021216
US 2005085489	A1	20050421	US 2003-501069	20021216
JP 2005516963	T2	20050609	JP 2003-557574	20021216
ZA 2004006329	A	20050920	ZA 2004-6329	20040810
PRIORITY APPLN. INFO.:			FR 2002-335	A 20020111
			WO 2002-EP14311	W 20021216

OTHER SOURCE(S): MARPAT 139:106488

AB The present invention relates to a pharmaceutical composition suitable for oral administration comprising, as active principles, a glitazone and a 4-oxobutanoic acid (weight ratio of 10-3-10), in combination with one or more pharmaceutically acceptable excipients. These compns. are particularly suitable for treating non-insulin-dependent diabetes and pathologies

associated with insulin resistance syndrome. For example, a tablet contained (+)-2-benzyl-4-(4-fluorophenyl)-4-oxobutanoic acid (Compound P) 50 mg, rosiglitazone 4 mg, microcryst. cellulose 17 mg, lactose 26 mg, hydroxypropyl cellulose 11 mg, croscarmellose sodium 15 mg, colloidal silica 2 mg, and magnesium stearate 2 mg.

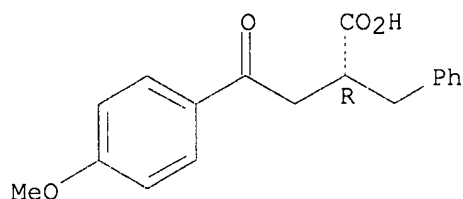
IT 68973-52-4 68973-53-5 104905-00-2
118384-10-4, T 174 (Pharmaceutical) 125190-43-4
203855-56-5 203855-57-6 203855-58-7
203855-59-8 203855-60-1 203855-62-3
203855-63-4 203855-65-6 203855-66-7

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(oral compns. comprising glitazone and 4-oxobutanoic acid derivative for treatment of diabetes)

RN 68973-52-4 HCAPLUS

CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,
(α R)- (9CI) (CA INDEX NAME)

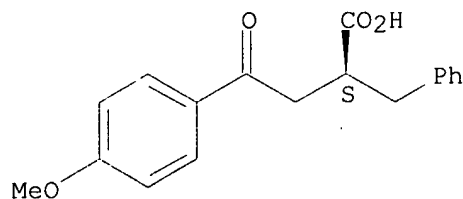
Absolute stereochemistry. Rotation (-).



RN 68973-53-5 HCAPLUS

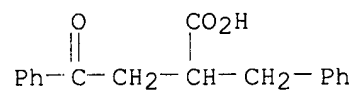
CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,
(α S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



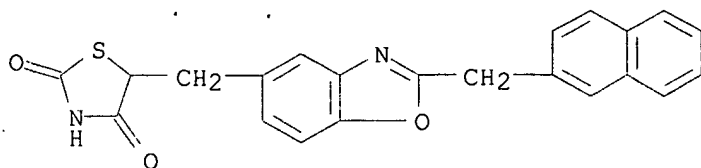
RN 104905-00-2 HCAPLUS

CN Benzenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)

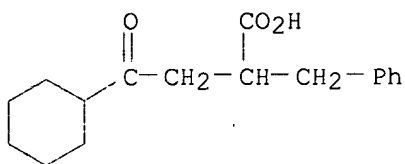


RN 118384-10-4 HCAPLUS

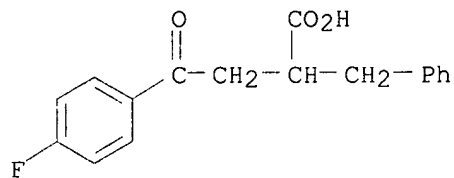
CN 2,4-Thiazolidinedione, 5-[[2-(2-naphthalenylmethyl)-5-benzoxazolyl]methyl]-
(9CI) (CA INDEX NAME)



RN 125190-43-4 HCAPLUS
 CN Benzenepropanoic acid, α -(2-cyclohexyl-2-oxoethyl)- (9CI) (CA INDEX NAME)

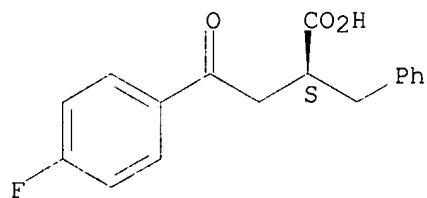


RN 203855-56-5 HCAPLUS
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)- (9CI)
 (CA INDEX NAME)



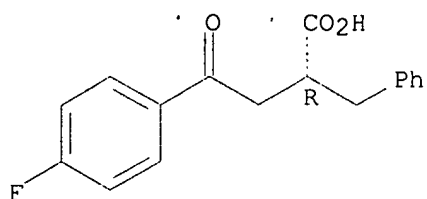
RN 203855-57-6 HCAPLUS
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-,
 (α S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

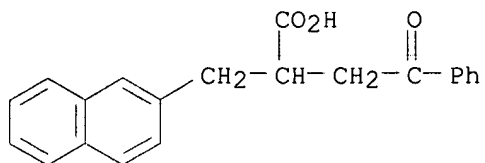


RN 203855-58-7 HCAPLUS
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-,
 (α R)- (9CI) (CA INDEX NAME)

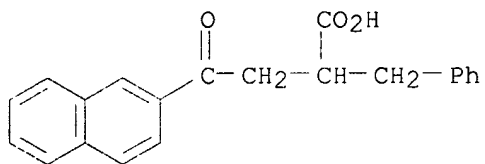
Absolute stereochemistry. Rotation (-).



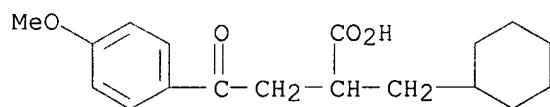
RN 203855-59-8 HCAPLUS
 CN 2-Naphthalenepropanoic acid, α -(2-oxo-2-phenylethyl)- (9CI) (CA INDEX NAME)



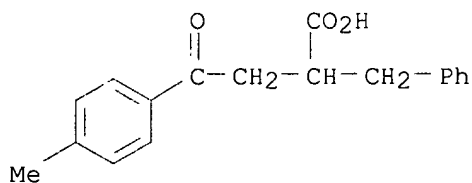
RN 203855-60-1 HCAPLUS
 CN 2-Naphthalenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)



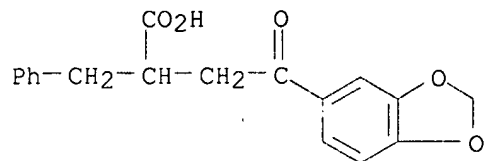
RN 203855-62-3 HCAPLUS
 CN Benzenebutanoic acid, α -(cyclohexylmethyl)-4-methoxy- γ -oxo- (9CI) (CA INDEX NAME)



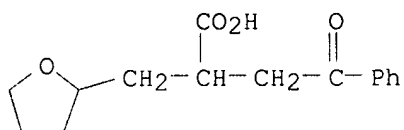
RN 203855-63-4 HCAPLUS
 CN Benzenebutanoic acid, 4-methyl- γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 203855-65-6 , HCAPLUS
CN 1,3-Benzodioxole-5-butanoic acid, γ -oxo- α -(phenylmethyl)-
(9CI) (CA INDEX NAME)



RN 203855-66-7 HCAPLUS
CN 2-Furanpropanoic acid, tetrahydro- α -(2-oxo-2-phenylethyl)- (9CI)
(CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d que stat 128

L8 1 SEA FILE=REGISTRY ABB=ON 118384-10-4/RN
 L17 12 SEA FILE=REGISTRY ABB=ON (68973-52-4 OR 68973-53-5 OR
 203855-58-7 OR 203855-57-6 OR 203855-36-5 OR 203855-62-3 OR
 104905-00-2 OR 203855-59-8 OR 203855-60-1 OR 203855-63-4 OR
 203855-65-6 OR 125190-43-4 OR 203855-66-7)/RN
 L18 1 SEA FILE=REGISTRY ABB=ON 203855-56-5/RN
 L19 13 SEA FILE=REGISTRY ABB=ON L17 OR L18
 L20 20 SEA FILE=HCAPLUS ABB=ON L19
 L28 1 SEA FILE=USPATFULL ABB=ON L20 AND (L8 OR ?PIOGLITAZONE?)

=> d ibib abs hitstr 128 1-1

L28 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2005:99570 USPATFULL

TITLE: Pharmaceutical composition comprising a glitazone and a
 4-oxobutanoic acid, and the use thereof for treating
 diabetes

INVENTOR(S): Moinet, Gerard, Orsay, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005085489	A1	20050421
APPLICATION INFO.:	US 2003-501069	A1	20021216 (10)
	WO 2002-EP14311		20021216

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2002-335	20020111
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201, US	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	477	

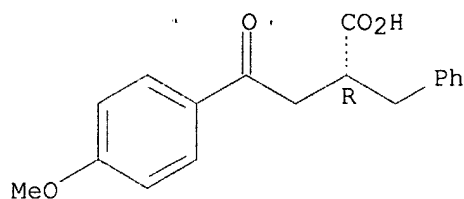
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a pharmaceutical composition
 comprising, as active principles, a 4-oxobutanoic acid and a glitazone,
 in combination with one or more pharmaceutically acceptable excipients.
 These compositions are particularly suitable for treating diabetes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 68973-52-4 68973-53-5 104905-00-2
 118384-10-4, T 174 (Pharmaceutical) 125190-43-4
 203855-56-5 203855-57-6 203855-58-7
 203855-59-8 203855-60-1 203855-62-3
 203855-63-4 203855-65-6 203855-66-7
 (oral compns. comprising glitazone and 4-oxobutanoic acid derivative for
 treatment of diabetes)
 RN 68973-52-4 USPATFULL
 CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,
 (α R)- (9CI) (CA INDEX NAME)

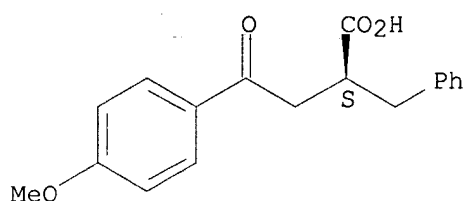
Absolute stereochemistry. Rotation (-).



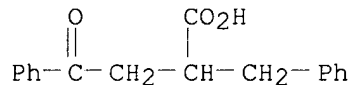
RN 68973-53-5 USPATFULL

CN Benzenebutanoic acid, 4-methoxy- γ -oxo- α -(phenylmethyl)-,
(α S)- (9CI) (CA INDEX NAME)

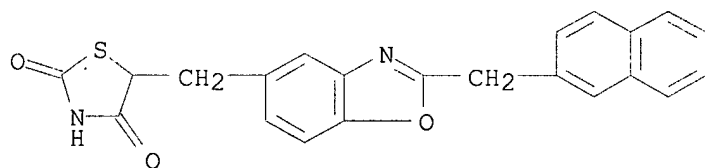
Absolute stereochemistry. Rotation (+).



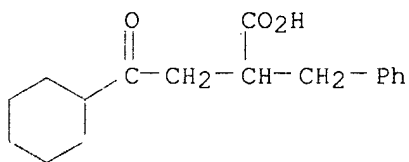
RN 104905-00-2 USPATFULL

CN Benzenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA INDEX
NAME)

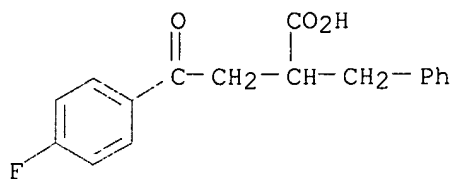
RN 118384-10-4 USPATFULL

CN 2,4-Thiazolidinedione, 5-[[2-(2-naphthalenylmethyl)-5-benzoxazolyl]methyl]-
(9CI) (CA INDEX NAME)

RN 125190-43-4 USPATFULL

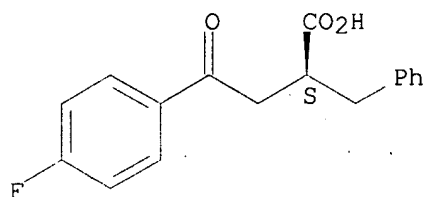
CN Benzenepropanoic acid, α -(2-cyclohexyl-2-oxoethyl)- (9CI) (CA INDEX
NAME)

RN 203855-56-5 USPATFULL
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)- (9CI)
 (CA INDEX NAME)



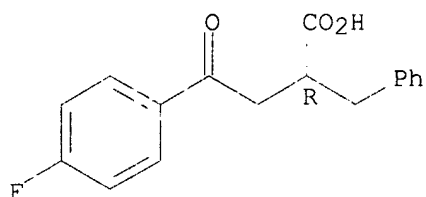
RN 203855-57-6 USPATFULL
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-,
 (α S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

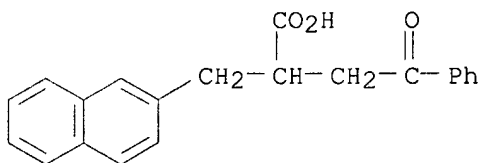


RN 203855-58-7 USPATFULL
 CN Benzenebutanoic acid, 4-fluoro- γ -oxo- α -(phenylmethyl)-,
 (α R)- (9CI) (CA INDEX NAME)

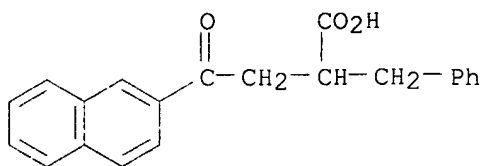
Absolute stereochemistry. Rotation (-).



RN 203855-59-8 USPATFULL
 CN 2-Naphthalenepropanoic acid, α -(2-oxo-2-phenylethyl)- (9CI) (CA
 INDEX NAME)

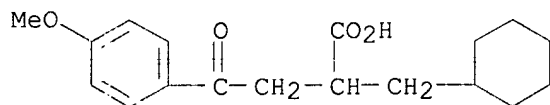


RN 203855-60-1 USPATFULL
 CN 2-Naphthalenebutanoic acid, γ -oxo- α -(phenylmethyl)- (9CI) (CA
 INDEX NAME)



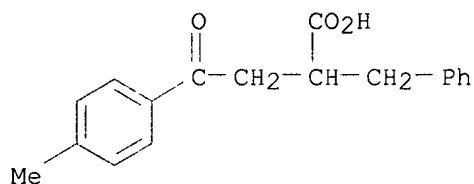
RN 203855-62-3 USPATFULL

CN Benzenebutanoic acid, α -(cyclohexylmethyl)-4-methoxy- γ -oxo-
(9CI) (CA INDEX NAME)



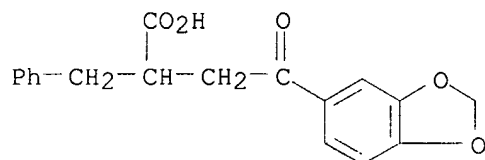
RN 203855-63-4 USPATFULL

CN Benzenebutanoic acid, 4-methyl- γ -oxo- α -(phenylmethyl)- (9CI)
(CA INDEX NAME)



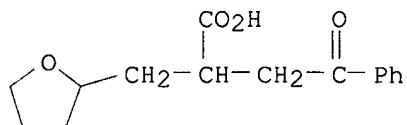
RN 203855-65-6 USPATFULL

CN 1,3-Benzodioxole-5-butanoic acid, γ -oxo- α -(phenylmethyl)-
(9CI) (CA INDEX NAME)



RN 203855-66-7 USPATFULL

CN 2-Furanpropanoic acid, tetrahydro- α -(2-oxo-2-phenylethyl)- (9CI)
(CA INDEX NAME)



=> d his ful

(FILE 'HOME' ENTERED AT 14:17:16 ON 27 JUL 2006)

FILE 'HCAPLUS' ENTERED AT 14:17:25 ON 27 JUL 2006

E MOINET GERARD/AU
 L1 66 SEA ABB=ON ("MOINET GERARD"/AU OR "MOINET GERARD G"/AU OR
 "MOINET GERARD H"/AU)
 E MARAIS DOMINIQUE/AU
 L2 12 SEA ABB=ON "MARAI DOMINIQUE"/AU
 L3 8 SEA ABB=ON L1 AND L2
 L4 1 SEA ABB=ON L3 AND ?GLITAZONE?
 SELECT RH L4 1-1 RN

FILE 'REGISTRY' ENTERED AT 14:18:40 ON 27 JUL 2006

L5 26 SEA ABB=ON (104905-00-2/BI OR 109229-58-5/BI OR 111025-46-8/BI
 OR 118384-10-4/BI OR 122320-73-4/BI OR 125190-43-4/BI OR
 141200-24-0/BI OR 161600-01-7/BI OR 179068-71-4/BI OR 203855-56
 -5/BI OR 203855-57-6/BI OR 203855-58-7/BI OR 203855-59-8/BI OR
 203855-60-1/BI OR 203855-61-2/BI OR 203855-62-3/BI OR 203855-63
 -4/BI OR 203855-65-6/BI OR 203855-66-7/BI OR 213252-19-8/BI OR
 560131-16-0/BI OR 68973-52-4/BI OR 68973-53-5/BI OR 74772-77-3/
 BI OR 89496-35-5/BI OR 9004-10-8/BI)

FILE 'HCAPLUS' ENTERED AT 14:27:51 ON 27 JUL 2006

L6 1 SEA ABB=ON L4 AND L5
 L7 ANALYZE L6 1-1 CT : 10 TERMS

FILE 'REGISTRY' ENTERED AT 14:41:57 ON 27 JUL 2006

L8 1 SEA ABB=ON 118384-10-4/RN
 L9 1 SEA ABB=ON 203855-58-7/RN

FILE 'HCAPLUS' ENTERED AT 14:42:17 ON 27 JUL 2006

L10 1 SEA ABB=ON (L8 OR ?PIOGLITAZONE?) AND L9

FILE 'REGISTRY' ENTERED AT 14:45:06 ON 27 JUL 2006

L11 2 SEA ABB=ON (68973-52-4 OR 68973-53-5)/RN

FILE 'HCAPLUS' ENTERED AT 14:45:27 ON 27 JUL 2006

L12 1 SEA ABB=ON (L8 OR ?PIOGLITAZONE?) AND L11

FILE 'REGISTRY' ENTERED AT 15:18:44 ON 27 JUL 2006

L13 0 SEA ABB=ON (68973-52-4, 68973-53-5, 203855-58-7, 203855-57-6,
 203855-36-5, 203855-62-3, 104905-00-2, 203855-59-8, 203855-60-1
 , 203855-63-4, 203855-65-6, 125190-43-4, 203855-66-7)/RN
 L14 0 SEA ABB=ON (68973-52-4, 68973-53-5, 203855-58-7, 203855-57-6,
 203855-36-5, 203855-62-3, 104905-00-2, 203855-59-8, 203855-60-1
 , 203855-63-4)/RN
 L15 0 SEA ABB=ON (68973-52-4, 68973-53-5, 203855-58-7, 203855-57-6,
 203855-36-5, 203855-62-3, 104905-00-2)/RN
 L16 0 SEA ABB=ON (68973-52-4, 68973-53-5, 203855-58-7, 203855-57-6)/
 RN

FILE 'REGISTRY' ENTERED AT 15:21:38 ON 27 JUL 2006

L17 12 SEA ABB=ON (68973-52-4 OR 68973-53-5 OR 203855-58-7 OR
 203855-57-6 OR 203855-36-5 OR 203855-62-3 OR 104905-00-2 OR
 203855-59-8 OR 203855-60-1 OR 203855-63-4 OR 203855-65-6 OR
 125190-43-4 OR 203855-66-7)/RN
 L18 1 SEA ABB=ON 203855-56-5/RN

L19 13 SEA ABB=ON L17 OR L18

FILE 'HCAPLUS' ENTERED AT 15:24:10 ON 27 JUL 2006

L20 20 SEA ABB=ON L19

L21 1 SEA ABB=ON L20 AND (L8 OR ?PIOGLITAZONE?) *1 cit from CAPLUS*

FILE 'REGISTRY' ENTERED AT 15:24:45 ON 27 JUL 2006

L22 STR

L23 0 SEA SSS SAM L22

L24 0 SEA SSS FUL L22

L25 STR L22

L26 0 SEA SSS SAM L25

L27 0 SEA SSS FUL L25

0 compls. for structure (9th compl. in claim 9)

FILE 'USPATFULL' ENTERED AT 15:30:42 ON 27 JUL 2006

L28 1 SEA ABB=ON L20 AND (L8 OR ?PIOGLITAZONE?) *1 cit from US Pat Full*

FILE HOME

0 cit from Medline, Embase, Biosis, Japio, Jcost

FILE HCAPLUS

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FILE LAST UPDATED: 26 Jul 2006 (20060726/ED)

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DICTIONARY FILE UPDATES: 25 JUL 2006 HIGHEST RN 896142-63-5

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FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 27 Jul 2006 (20060727/PD)
FILE LAST UPDATED: 27 Jul 2006 (20060727/ED)
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HIGHEST APPLICATION PUBLICATION NUMBER: US2006168703
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